

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

36-084-12  
JELICO QUADRANGLE  
6 KY.-200 TENN.  
N3630-W8400/15  
DIAGRAM NJ 16-12  
CORBIN

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Whitley County, Kentucky; Campbell,  
Claibourne, Counties, Tennessee

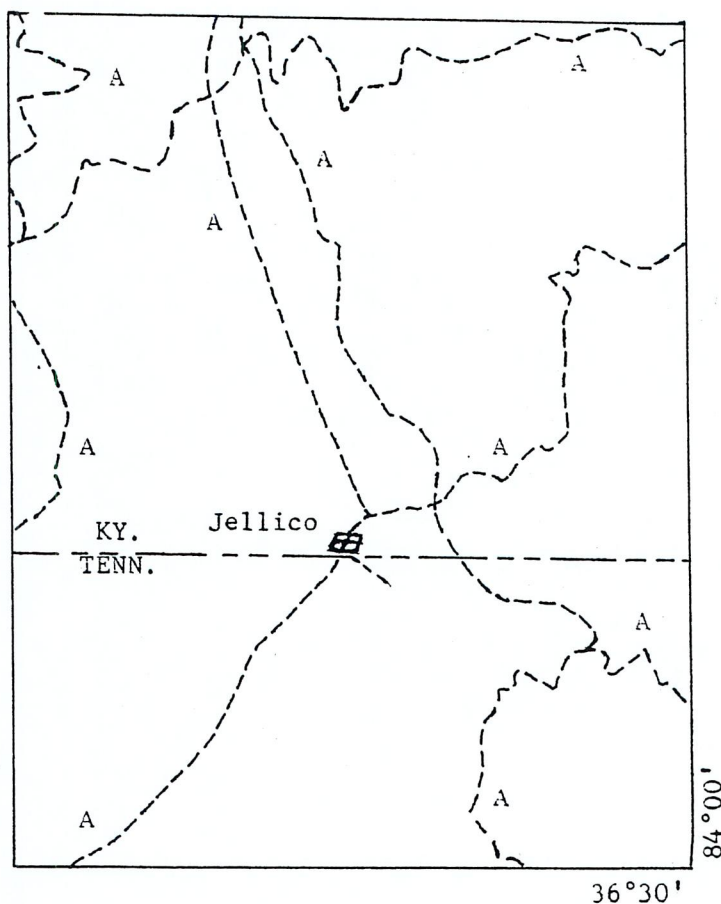
Final adjustment of 1951

Edition of 5/16/74

PR: WSM/sws

CORBIN  
(34)

STEARNS  
(7 KY.-201 TENN.)



FONDE  
(5 KY.-199 TENN.)

LA FOLLETTE  
(167)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360841

6 KY.-200 TENN.  
JELLICO QUADRANGLE

36-084-12  
N3630-W8400/15

INDEX OF PERMANENT MARKS

<u>MARKS (USGS)</u>	<u>PAGE NO.</u>	<u>MARKS (USGS)</u>	<u>PAGE NO.</u>
K 6	3	K 7 1924	3
K 4 1924	3	K 5 1925	3

## ISOLATED BENCH MARKS (By H. R. Kilmer, 1924; Book B1950)

Feet

La Follette, 12.6 mi N. of; 5 ft E. of rd.; in flat boulder at Lowels Creek; standard tablet stamped "K 4 1924"	1241.211
La Follete, 16.3 mi N. of; top of Pine Mountain; 20 ft S. of rd.; in rock ledge; standard tablet stamped "K 5 1925"	1838.699
Jellico; at main entrance to post office; in top of NW. corner of stone post on N. side of entrance steps $2\frac{1}{2}$ ft higher than ground; standard tablet stamped "K 6" (Tied by NGS)	981.947
Jellico, 11.7 mi S. of; on Hickory Creek; 20 ft N. of rd.; in boulder 3 ft higher than ground; standard tablet stamped "K 7 1924" (Reported destroyed, 1953)	1117.532

HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

36-084-12  
JELICO QUADRANGLE  
6 KY.-200 TENN.  
N3630-W8400/15  
DIAGRAM NJ 16-12  
CORBIN

McCreary and Whitley Counties, Ky.;  
Campbell, Claiborne, and Scott Counties, Tenn.

Edition of 6/21/76

PR: CRV/rmm

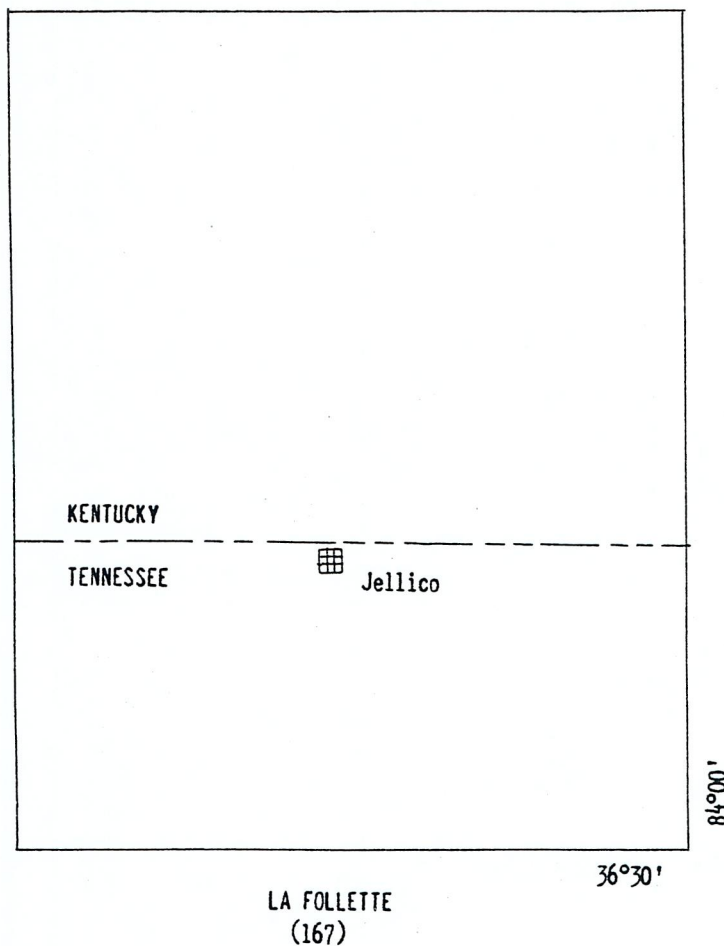
Plane coordinates are based on Lambert projection,  
Kentucky, South Zone and Tennessee Zone

Only the permanent marks are  
listed for control classified  
obsolete and are not shown on  
sketch

CORBIN  
(34)

STEARNS  
(7 KY.-201 TENN.)

FONDE  
(5 KY.-199 TENN.)



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
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TT 131 E 1930	3
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TT 21 BT 1951	6
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TT 36 BT 1951	5
TT 40 DWP 1951	4
TT 41 DWP 1951	4
TT 42 DWP 1951	4

TENNESSEE DIVISION OF GEOLOGY

LHT 1755 1941	4
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NGS

G 51 1934	4
H 51 1934	4
J 51 1934	4
K 51 1934	4
M 49 1935 970.713	5
P 49 1935 977.469	5
Q 49 1935	6
R 49 1935	3
S 49 1935 963.404	5
T 49 1935 971.606	3
U 49 1935 977.009	3
V 49 1935 966.694	3
X 49 1935 967.465	6
V 192 1950 937.820	5



6 KY.-200 TENN.  
JELICO QUADRANGLE

36-084-12  
3

STATION            DESCRIPTION  
                 PLANE COORDINATES, FEET

LATITUDE  
  "  '  "

LONGITUDE  
  "  '  "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. R. Ellis, 1930; Book C9693

Newcomb, 3.1 mi SW. of, along Southern Railway; 25 ft W. of centerline of track; in sandstone outcrop; standard tablet stamped "TT 129 E 1930"

Ky. S.)	X = 2,455,051	Y = 71,195	36 31 07.10	84 12 05.49
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Newcomb; at public school; in lower front concrete step at entrance; standard tablet stamped "TT 130 E 1930"  
(Reported destroyed, 1977)

X = 2,464,393	Y = 84,276	36 33 14.90	84 10 08.63
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Newcomb, about 2.8 mi NW. of; 1.5 mi up Trammel Branch from junction of Newcomb-Capuchin Road with Capuchin Creek; on S. side of rd.; in large sandstone outcrop (trail leaves rd. at this point); standard tablet stamped "TT 131 E 1930"

X = 2,452,034	Y = 87,213	36 33 45.95	84 12 39.24
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Zion Hill; at church and schoolhouse; 0.3 mi below mouth of Capuchin Creek; 70 ft E. of centerline of rd. at junction of I-rd. W.; in sandstone outcrop; standard tablet stamped "TT 132 E 1930"

X = 2,444,138	Y = 103,981	36 36 32.99	84 14 12.72
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By D. W. Pinkston, 1951; Book AH 244

Lot, 52 ft SW. of, and across SW. track from W. corner of Louisville and Nashville Railroad flag station; 30 ft SW. of and 3 ft lower than SW. rail of SW. one of two tracks; 87 ft W. of, and across track from W. corner of small telephone booth; in rock outcrop; NGS standard disk stamped "V 49 1935 966.694"

X = 2,485,446	Y = 101,373	36 36 00.36	84 05 46.74
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Lot, about 0.2 mi N. of station, along L. & N. RR.; at RR. bridge No. 58 over State Highway 471; 6 ft E. of, and 2 ft lower than E. rail of track; in E. end of S. abutment of overpass; NGS standard disk stamped "U 49 1935 977.009"

X = 2,485,514	Y = 102,543	36 36 11.92	84 05 45.66
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Saxton, 1.7 mi S. of station, along L. & N. RR.; 1.2 mi N. of Lot; 7 ft E. of, and 2 ft lower than E. rail of track; at RR. bridge No. 57 over creek; in E. end of S. concrete abutment; NGS standard disk stamped "T 49 1935 971.606"

X = 2,486,474	Y = 106,756	36 36 53.40	84 05 32.99
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Saxton, 41 ft SE. of SE. corner of L. & N. RR. station; 17 ft W. of, and 1 ft lower than W. rail of track; 4 ft N. of telephone pole; in concrete post; NGS standard disk stamped "R 49 1935"

X = 2,480,821	Y = 112,975	36 37 55.86	84 06 40.99
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6 KY.-200 TENN.  
JELICO QUADRANGLE

36-084-12

4

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

Jellico, 3.9 mi SE. of, along U. S. Highway 25 W.; 22 ft S. of centerline of hwy.; 260 ft N. of NE. corner of Sandy Beach Cafe; 4 ft SE. of telephone pole; in concrete post; standard tablet stamped "TT 40 DWP 1951" (Reported disturbed)				
Ky. S.)	X = 2,493,267	Y = 92,683	36 34 33.09	84 04 12.75
Holton, 7 rails W. of L. & N. RR. station; 5 ft S. of S. rail of track; 4 rails E. of portal of tunnel on wye; 2.5 rails W. of milepost L-206; in concrete post; NGS standard disk stamped "K 51 1934"				
	X = 2,503,374	Y = 88,644	36 33 51.35	84 02 09.76
Morley, 84 ft SW. of L. & N. RR. station; 52 ft NW. of main track; 1 ft E. of fence; in concrete post; NGS standard disk stamped "J 51 1934"				
	X = 2,499,846	Y = 83,805	36 33 04.15	84 02 54.08
Chaska, 1.6 mi NE. of, along L. & N. RR.; at bridge No. 69; in N. end of backwall of E. abutment; NGS standard disk stamped "H 51 1934"				
	X = 2,492,395	Y = 80,576	36 32 33.54	84 04 26.07
Chaska, at water tank; in NE. one of two E. concrete pedestal stones, midway between N. and S. edges; NGS standard disk stamped "G 51 1934"				
	X = 2,491,539	Y = 75,589	36 31 44.39	84 04 37.64
Chaska, 1.1 mi S. of, along U. S. Highway 25 W.; 0.6 mi N. of large concrete bridge over Hickory Creek; 98 ft NW. of junction of I-rd. W.; 27 ft E. of centerline of hwy.; 23 ft S. of telephone pole; 3 ft N. and 1 ft W. of fence corner; in concrete post; standard tablet stamped "TT 41 DWP 1951"				
	X = 2,489,478	Y = 70,250	36 30 51.96	84 05 04.04
Chaska, 1.6 mi S. of, along U. S. Highway 25 W., thence 1.0 mi W. along county rd.; 0.4 mi E. of Watsons Store; 50 ft N. of centerline of rd.; in concrete post; Tennessee Division of Geology standard disk stamped "LHT 1755 1941"				
	X = 2,485,815	Y = 66,860	36 30 19.08	84 05 49.63
Chaska, 1.6 mi S. of, along U. S. Highway 25 W., thence 1.4 mi W. along county rd.; 18 ft S. and 32 ft E. of centerline of rd. at junction of I-rd. N.; 1 ft S. and 2 ft E. of NE. corner of Watsons Store; in concrete post; standard tablet stamped "TT 42 DWP 1951"				
	X = 2,484,254	Y = 66,366	36 30 14.47	84 06 08.85



STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

By M. L. Bennett, 1951; Books MS 30344, 30347, 30348 (TVA)

Williamsburg, 1.0 mi SE. of, along U. S. Highway 25 W.; 108 ft NW. of junction of State Highway 92 E.; 47 ft W. of, and 3 ft higher than centerline of Highway 25 W.; 13 ft E. of centerline of graveled drive paralleling hwy.; 131 ft N. of NE. corner of concrete block building; 2 ft E. of white wooden witness post; NGS standard disk stamped "V 192 1950 937.820"

Ky. S.) X = 2,467,459 Y = 149,567 36 43 59.90 84 09 17.31

Williamsburg, 2.2 mi SE. of, along U. S. Highway 25 W.; 0.3 mi NW. of Emlyn; 70 ft N. and 25 ft W. of centerline of hwy. at junction of Y-rd. NW.; 75 ft S. of L. & N. RR. milepost No. L-192; 58 ft NW. of telephone pole; in concrete post; standard tablet stamped "TI 35 BT 1951"

X = 2,468,739 Y = 140,984 36 42 34.82 84 09 03.37

Savoy, 1.4 mi S. of station, along L. & N. RR.; at macadam rd. crossing and post office at Emlyn; SSE. of, and across rd. from post office; 46 ft E. of, and 1 ft lower than E. rail of track; 20 ft S. of centerline of macadam rd.; 11 ft S. of power pole and fence corner; 1 ft W. of fenceline; in concrete post; NGS standard disk stamped "M 49 1935 970.713"

X = 2,471,012 Y = 138,975 36 42 14.58 84 08 35.89

Emlyn, 2.3 mi SE. of, along U. S. Highway 25 W.; at Pleasant View; 38 ft N. and 36 ft E. of centerline of hwy. at junction of drive E.; 50 ft NW. of corner of white house; 7 ft NW. of white cross on telephone pole; in concrete post; standard tablet stamped "TI 36 BT 1951"

X = 2,475,286 Y = 129,798 36 40 43.13 84 07 45.34

Mountain Ash, 0.2 mi S. of station, along L. & N. RR.; at RR. bridge over Clear Fork River; 8 ft W. of, and 3 ft lower than W. rail of track; 1 ft S. of N. end of abutment; in NW. end of SW. abutment; NGS standard disk stamped "P 49 1935 977.469"

X = 2,475,064 Y = 120,585 36 39 12.08 84 07 50.00

Saxton, 0.1 mi SW. of L. & N. RR. station; at point where RR. has been abandoned and is now graveled rd.; at bridge No. 54 over creek; 4 ft W. of old roadbed; in W. end of N. abutment; NGS standard disk stamped "S 49 1935 963.404" (Bridge reported destroyed but abutment remains)

X = 2,480,913 Y = 112,274 36 37 48.92 84 06 40.01

6 KY.-200 TENN.  
JELICO QUADRANGLE

36-084-12  
6

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

Saxton, 0.1 mi N. of station, along L. & N. RR.; at bridge over U. S. Highway 25 W.; 7 ft E. of, and 2 ft lower than E. rail of track; in E. end of S. abutment; NGS standard disk stamped "Q 49 1935"

Ky. S.) X = 2,480,511 Y = 113,320

36 37 59.32

84 06 44.71

Lot, 0.8 mi SE. of station, along L. & N. RR.; 7 rails N. of Kentucky-Tennessee State line marker; 7 ft E. of, and 2 ft lower than E. rail of track; in concrete signal base; NGS standard disk stamped "X 49 1935 967.465"

X = 2,488,430

Y = 98,243

36 35 28.90

84 05 10.83

Siler, 0.6 mi S. of post office, along State Highway 92, thence 5.8 mi SW. along Mud Creek Road; 17 ft SE. of centerline of rd.; 56 ft NE. of apple tree; 9 ft SW. of persimmon tree; 2 ft NW. of fenceline; in concrete post; standard tablet stamped "TT 19 BT 1951"

X = 2,512,059

Y = 110,899

36 37 29.81

84 00 18.29

Siler, 0.6 mi S. of post office, along State Highway 92, thence 7.7 mi SW. along Mud Creek Road; at Sulphur Spring Baptist Church; 68 ft SW. of centerline of rd. at junction of rd. SW.; 60 ft NE. of SE. corner of church; 15 ft SE. of 15-in. sycamore tree; in concrete post; standard tablet stamped "TT 20 BT 1951"

X = 2,504,150

Y = 105,106

36 36 33.97

84 01 56.58

Jellico, 2.4 mi E. of, along U. S. Highway 25 W., thence 1.9 mi NE. along Cumberland Valley Road; 12 ft N. of centerline of rd.; 42 ft NE. of nail and washer in 8-in. pine tree in fenceline; 33 ft NW. of nail and washer in 4-in. pine tree on top of bank; 3 ft S. of fenceline; in concrete post; standard tablet stamped "TT 21 BT 1951"

X = 2,495,128

Y = 99,687

36 35 42.00

84 03 48.40